

ABSTRACT OF THE DISCLOSURE

A roll for applying a sizing composition to a fan of one or more fibers, providing a shaft having a curved central axis and a sleeve covering at least a portion of the shaft, the sleeve
5 being rotatable relative to the shaft. Each fiber of the fan of one or more fibers contacts the sleeve at an axial location of the sleeve such that each fiber of the fan of one or more fibers lies substantially in a plane perpendicular to the curved central axis of the shaft at the axial location.